



Customer No.: 31561  
Application No.: 10/064,503  
Docket No.: 9170-US-230

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: LAWRENCE JR, FRANK M

Group Art Unit: 1724

In re PATENT APPLICATION of

Applicants : NAKAMURA ET AL.

Serial No. : 10/064,503

Filed : 07/23/2002

For : APPARATUS AND METHOD  
FOR PURIFYING AIR USED IN )  
CRYOGENIC AIR )  
SEPARATION )

AMENDMENT

) Attorney Docket: 9170-US-PA

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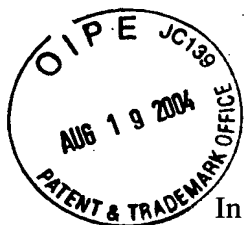
No fee is believed to be due. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.: 9170-US-230).

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

U.S. Patent and Trademark Office  
Commissioner for Patents  
2011 South Clark Place  
Customer Window, Mail Stop **AF**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

The Office Action mailed June 18, 2004 has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.



Patent

Customer No.: 31561  
Docket No. 9170-US-230  
Application No.: 10/064,503

IFW  
AF/11724

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Applicant : Nakamura et al.  
Application No. : 10/064,503  
Filed : 2002/07/23  
For : APPARATUS AND METHOD FOR PURIFYING AIR  
USED IN CRYOGENIC AIR SEPARATION  
Art Unit : 1724  
Examiner : LAWRENCE JR, FRANK M

**TRANSMITTAL LETTER**

**002-1-703-872-9306**

**(Via fax: 9 pages, followed by confirmation copy via courier)**

Assistant Commissioner for Patents  
Arlington, Virginia 22202

Dear Sir,

In response to the Office Action dated June 18, 2004, please find the relevant paper in response to paper No. 0604. Following the fax transmission, a hard copy via courier will also be forwarded to the Office.

Enclosed documents via courier will include:

- ☒ Amendment and Response to Office Action in (7) pages
- ☒ Fax confirmation report
- ☒ Prepaid return postcard

I believe that no fee is incurred. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.: 9170-US-230)

Thank you for your assistance in the subject matter. If you have any questions, please feel free to contact me.

**Patent**

Customer No.: 31561  
Docket No. 9170-US-230  
**Application No.: 10/064,503**

Respectfully Submitted,  
JIANQ CHYUN Intellectual Property Office

Date: August 17, 2004

By: Belinda Lee  
Belinda Lee  
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\*\*\* TX REPORT \*\*\*  
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Patent

Customer No.: 31561

Docket No. 9170-US-230

Application No.: 10/064,503

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Applicant : Nakamura et al.

Application No. : 10/064,503

Filed : 2002/07/23

For : APPARATUS AND METHOD FOR PURIFYING AIR  
USED IN CRYOGENIC AIR SEPARATION

Art Unit : 1724

Examiner : LAWRENCE JR, FRANK M

**TRANSMITTAL LETTER**

002-1-703-872-9306

(Via fax: 9 pages, followed by confirmation copy via courier)

Assistant Commissioner for Patents  
Arlington, Virginia 22202

Dear Sir,

In response to the Office Action dated June 18, 2004, please find the relevant paper in response to paper No.0604. Following the fax transmission, a hard copy via courier will also be forwarded to the Office.

Enclosed documents via courier will include:

- ☒ Amendment and Response to Office Action in (7) pages
- ☒ Fax confirmation report
- ☒ Prepaid return postcard

I believe that no fee is incurred. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.: 9170-US-230)